

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 – 58 (Cancelled).

Claim 59 (Previously presented): A method of using a control system adapted to receive at least one signal to activate a motor to adjust a configuration of an adjustable covering, wherein the configuration is variably adjustable between a fully extended configuration and a fully retracted configuration, and, when the adjustable covering is in the fully extended configuration, the configuration is variably adjustable between a maximum transmissivity configuration and a minimum transmissivity configuration, wherein each press of a manual operating switch is alternatingly treated as an up request followed by a down request, comprising:

detecting a depth of the adjustable covering;

wherein the adjustable covering is mounted to a roll bar comprising a forward extending rib; whereby the adjustable covering is fully extended upon the forward extending rib coming into contact with a working half, pivotally attached to a mounting half of a limit stop;

detecting an amount of transmissivity of the adjustable covering;

detecting a speed of the adjustable covering;

monitoring a signal for an indication of one of an up request and a down request; and

instructing the motor to make an adjustment to the adjustable covering upon recognizing the signal, wherein the adjustment is based upon the detected depth, the monitored amount of transmissivity, the monitored speed, and the monitored signal.

Claim 60 (Currently Amended): ~~The method of any one of claims 44-59, further comprising~~ A method of using a control system to receive signals from a wireless remote control having an up button and a down button and remotely activate a motor to adjust a configuration of an adjustable covering for an architectural opening, wherein the configuration is variably adjustable between a fully extended configuration and a fully retracted configuration, and, when the adjustable covering is in the fully extended configuration, the configuration is variably

adjustable between a maximum transmissivity configuration and a minimum transmissivity configuration, comprising:

monitoring an amount of extension of the adjustable covering;

the monitoring further comprising detecting full extension when contact occurs between an extending rib and a member of a limit stop;

monitoring an amount of transmissivity of the adjustable covering;

monitoring a speed of the adjustable covering;

detecting a signal from the remote control for an indication of a pressing of one of the up button and the down button; and

commanding the motor to make a determined adjustment to the adjustable covering upon detecting the signal from the remote control, wherein the determined adjustment is based upon at least one of the monitored amount of extension, the monitored amount of transmissivity, the monitored speed, and the detected signal; and

instructing the motor to operate at a first speed when adjusting the amount of extension of the covering.

Claim 61 (Currently Amended): ~~The method of any one of claims 44-59;~~ A method of using a control system to receive signals from a wireless remote control having an up button and a down button and remotely activate a motor to adjust a configuration of an adjustable covering for an architectural opening, wherein the configuration is variably adjustable between a fully extended configuration and a fully retracted configuration, and, when the adjustable covering is in the fully extended configuration, the configuration is variably adjustable between a maximum transmissivity configuration and a minimum transmissivity configuration, comprising:

monitoring an amount of extension of the adjustable covering;

the monitoring further comprising detecting full extension when contact occurs between an extending rib and a member of a limit stop;

monitoring an amount of transmissivity of the adjustable covering;

monitoring a speed of the adjustable covering;

detecting a signal from the remote control for an indication of a pressing of one of the up button and the down button; and

commanding the motor to make a determined adjustment to the adjustable covering upon

detecting the signal from the remote control, wherein the determined adjustment is based upon at least one of the monitored amount of extension, the monitored amount of transmissivity, the monitored speed, and the detected signal;

wherein when the adjustable covering is fully extended and the adjustment consists of adjusting the amount of transmissivity of the covering, the motor operates in a second speed that is slower than the first speed.

Claim 62 (Currently Amended): ~~The method of any one of claims 44-59, further comprising the steps of~~ A method of using a control system to receive signals from a wireless remote control having an up button and a down button and remotely activate a motor to adjust a configuration of an adjustable covering for an architectural opening, wherein the configuration is variably adjustable between a fully extended configuration and a fully retracted configuration, and, when the adjustable covering is in the fully extended configuration, the configuration is variably adjustable between a maximum transmissivity configuration and a minimum transmissivity configuration, comprising:

monitoring an amount of extension of the adjustable covering;

the monitoring further comprising detecting full extension when contact occurs between an extending rib and a member of a limit stop;

monitoring an amount of transmissivity of the adjustable covering;

monitoring a speed of the adjustable covering;

detecting a signal from the remote control for an indication of a pressing of one of the up button and the down button; and

commanding the motor to make a determined adjustment to the adjustable covering upon detecting the signal from the remote control, wherein the determined adjustment is based upon at least one of the monitored amount of extension, the monitored amount of transmissivity, the monitored speed, and the detected signal;

monitoring the motor for a stalled condition, and when a stalled condition occurs, commanding the motor to stop; and

determining a configuration of the adjustable covering based upon the monitored amount of extension of the adjustable covering.

Claim 63 (Cancelled)

Claim 64 (New): The method of claim 60, wherein when the monitored amount of extension is fully extended, the monitored amount of transmissivity is maximum transmissivity, the monitored speed of the adjustable covering is zero, and the monitored signal from the remote control is recognized as pressing of the up button, the commanding step comprises commanding the motor to reduce the amount of transmissivity of the covering.

Claim 65 (New): The method of claim 60, wherein when the monitored amount of extension is fully extended, the monitored amount of transmissivity is minimum transmissivity, the monitored speed of the adjustable covering is zero, and the monitored signal from the remote control is recognized as pressing of the up button, the commanding step comprises commanding the motor to reduce the amount of extension of the covering.

Claim 66 (New): The method of claim 60, wherein when the monitored amount of extension is fully extended, the monitored amount of transmissivity is minimum transmissivity, the monitored speed of the adjustable covering is zero, and the monitored signal from the remote control is recognized as pressing of the down button, the commanding step comprises commanding the motor to increase the amount of transmissivity of the covering.

Claim 67 (New): The method of claim 60, wherein when the monitored amount of extension is fully extended, the monitored amount of transmissivity is between minimum transmissivity and maximum transmissivity, the monitored speed of the adjustable covering is nonzero, the monitored signal from the remote control is recognized as pressing of one of the up button and the down button, and the commanding step comprises commanding the motor to stop.

Claim 68 (New): The method of claim 60, wherein when the monitored amount of extension is fully extended, the monitored amount of transmissivity is between minimum transmissivity and maximum transmissivity, the monitored speed of the adjustable covering is zero, the monitored signal from the remote control is recognized as pressing of the up button, and the commanding step comprises commanding the motor to reduce the amount of transmissivity of the covering.

Claim 69 (New): The method of claim 61, wherein when the monitored amount of extension is fully extended, the monitored amount of transmissivity is between minimum

transmissivity and maximum transmissivity, the monitored speed of the adjustable covering is zero, the monitored signal from the remote control is recognized as pressing of the down button, and the commanding step comprises commanding the motor to increase the amount of transmissivity of the covering.

Claim 70 (New): The method of claim 61, wherein when the monitored amount of extension is fully retracted, the monitored amount of transmissivity is minimum transmissivity, the monitored speed of the adjustable covering is zero, the monitored signal from the remote control is recognized as a single pressing and release of the down button, and the commanding step comprises commanding the motor to increase the amount of extension of the covering.

Claim 71 (New): The method of claim 61, wherein when the monitored amount of extension is between fully retracted and fully extended, the monitored amount of transmissivity is minimum transmissivity, the monitored speed of the adjustable covering is nonzero, the monitored signal from the remote control is recognized as a pressing of one of the up button and the down button, and the commanding step comprises commanding the motor to stop.

Claim 72 (New): The method of claim 62, wherein when the monitored amount of extension is between fully retracted and fully extended, the monitored amount of transmissivity is minimum transmissivity, the monitored speed of the adjustable covering is zero, the monitored signal from the remote control is recognized as a selection of the up button, and the commanding step comprises commanding the motor to reduce the amount of extension of the covering.

Claim 73 (New): The method of claim 62, wherein when the monitored amount of extension is between fully retracted and fully extended, the monitored amount of transmissivity is minimum transmissivity, the monitored speed of the adjustable covering is zero, the monitored signal from the remote control is recognized as a selection of the down button, and the commanding step comprises commanding the motor to increase the amount of extension of the covering.

Claim 74 (New) The method of claim 62, wherein the control system simultaneously monitors the transmissivity of the adjustable covering and the speed of the adjustable covering.

Claim 75 (New) The method of claim 62, wherein the control system further determines the speed of the adjustable covering and the transmissivity of the adjustable covering.

Claim 76 (New) The method of claim 75, wherein the speed determination occurs prior to the transmissivity determination.

Claim 77 (New) The method of claim 62, wherein the determined adjustment is predetermined.

Claim 78 (New) A method of using a control system adapted to receive at least one signal to activate a motor to adjust a configuration of an adjustable covering, wherein the configuration is variably adjustable between a fully extended configuration and a fully retracted configuration, and, when the adjustable covering is in the fully extended configuration, the configuration is variably adjustable between a maximum transmissivity configuration and a minimum transmissivity configuration, wherein each press of a manual operating switch is alternately treated as an up request followed by a down request, comprising:

- detecting a depth of the adjustable covering;

- wherein the adjustable covering is mounted to a roll bar comprising a forward extending rib; whereby the adjustable covering is fully extended upon the forward extending rib coming into contact with a working half, pivotally attached to a mounting half of a limit stop;

- detecting an amount of transmissivity of the adjustable covering;

- detecting a speed of the adjustable covering;

- monitoring a signal for an indication of one of an up request and a down request; and

- instructing the motor to make an adjustment to the adjustable covering upon recognizing the signal, wherein the adjustment is based upon the detected depth, the monitored amount of transmissivity, the monitored speed, and the monitored signal; and

- instructing the motor to operate at a first speed when adjusting the amount of extension of the covering.

Claim 79 (New) A method of using a control system adapted to receive at least one signal to activate a motor to adjust a configuration of an adjustable covering, wherein the configuration is variably adjustable between a fully extended configuration and a fully retracted configuration, and, when the adjustable covering is in the fully extended configuration, the

configuration is variably adjustable between a maximum transmissivity configuration and a minimum transmissivity configuration, wherein each press of a manual operating switch is alternately treated as an up request followed by a down request, comprising:

- detecting a depth of the adjustable covering;

- wherein the adjustable covering is mounted to a roll bar comprising a forward extending rib; whereby the adjustable covering is fully extended upon the forward extending rib coming into contact with a working half, pivotally attached to a mounting half of a limit stop;

- detecting an amount of transmissivity of the adjustable covering;

- detecting a speed of the adjustable covering;

- monitoring a signal for an indication of one of an up request and a down request; and

- instructing the motor to make an adjustment to the adjustable covering upon recognizing the signal, wherein the adjustment is based upon the detected depth, the monitored amount of transmissivity, the monitored speed, and the monitored signal;

- wherein when the adjustable covering is fully extended and the adjustment consists of adjusting the amount of transmissivity of the covering, the motor operates in a second speed that is slower than the first speed.

Claim 80 (New) A method of using a control system adapted to receive at least one signal to activate a motor to adjust a configuration of an adjustable covering, wherein the configuration is variably adjustable between a fully extended configuration and a fully retracted configuration, and, when the adjustable covering is in the fully extended configuration, the configuration is variably adjustable between a maximum transmissivity configuration and a minimum transmissivity configuration, wherein each press of a manual operating switch is alternately treated as an up request followed by a down request, comprising:

- detecting a depth of the adjustable covering;

- wherein the adjustable covering is mounted to a roll bar comprising a forward extending rib; whereby the adjustable covering is fully extended upon the forward extending rib coming into contact with a working half, pivotally attached to a mounting half of a limit stop;

- detecting an amount of transmissivity of the adjustable covering;

- detecting a speed of the adjustable covering;

- monitoring a signal for an indication of one of an up request and a down request; and

instructing the motor to make an adjustment to the adjustable covering upon recognizing the signal, wherein the adjustment is based upon the detected depth, the monitored amount of transmissivity, the monitored speed, and the monitored signal;

monitoring the motor for a stalled condition, and when a stalled condition occurs, commanding the motor to stop; and

determining a configuration of the adjustable covering based upon the monitored amount of extension of the adjustable covering.